Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051019\
Data File : VX009476.D
Acq On : 10 May 2019 12:27
Operator : JC/SP
Sample : K2789-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SEWER-OUTLET-02

Quant Time: May 11 03:15:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	28057	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	165562	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	143855	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	70564	30.32	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 101.07%			
60) 4-Bromofluorobenzene	11.13	95	69855	28.58	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 95.27%			
63) Toluene-d8	8.71	98	203624	29.86	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.53%			
Target Compounds						Qvalue
15) Acetone	2.44	58	379115	1052.612	ug/l	97
20) Diisopropyl ether	3.86	45	2515	0.347	ug/l #	69
25) Chloroform	5.21	83	2111374	658.944	ug/l	99
30) 2-Butanone	4.69	43	3469	1.823	ug/l #	81
41) Bromodichloromethane	7.90	83	9660	3.907	ug/l	99
44) Isopropyl Acetate	6.45	43	5545854	995.793	ug/l	99
48) t-1,3-Dichloropropene	9.05	75	2473	0.857	ug/l #	81
64) Chlorobenzene	10.13	112	2018	0.436	ug/l #	87
80) 1,2,4-Trimethylbenzene	11.80	105	17874	2.546	ug/l	32
82) p-Isopropyltoluene	12.06	119	4234	0.579	ug/l #	32

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

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Data File : VX009476.D
Acq On : 10 May 2019 12:27
Operator : JC/SP
Sample : K2789-02
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02

Quant Time: May 11 03:15:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
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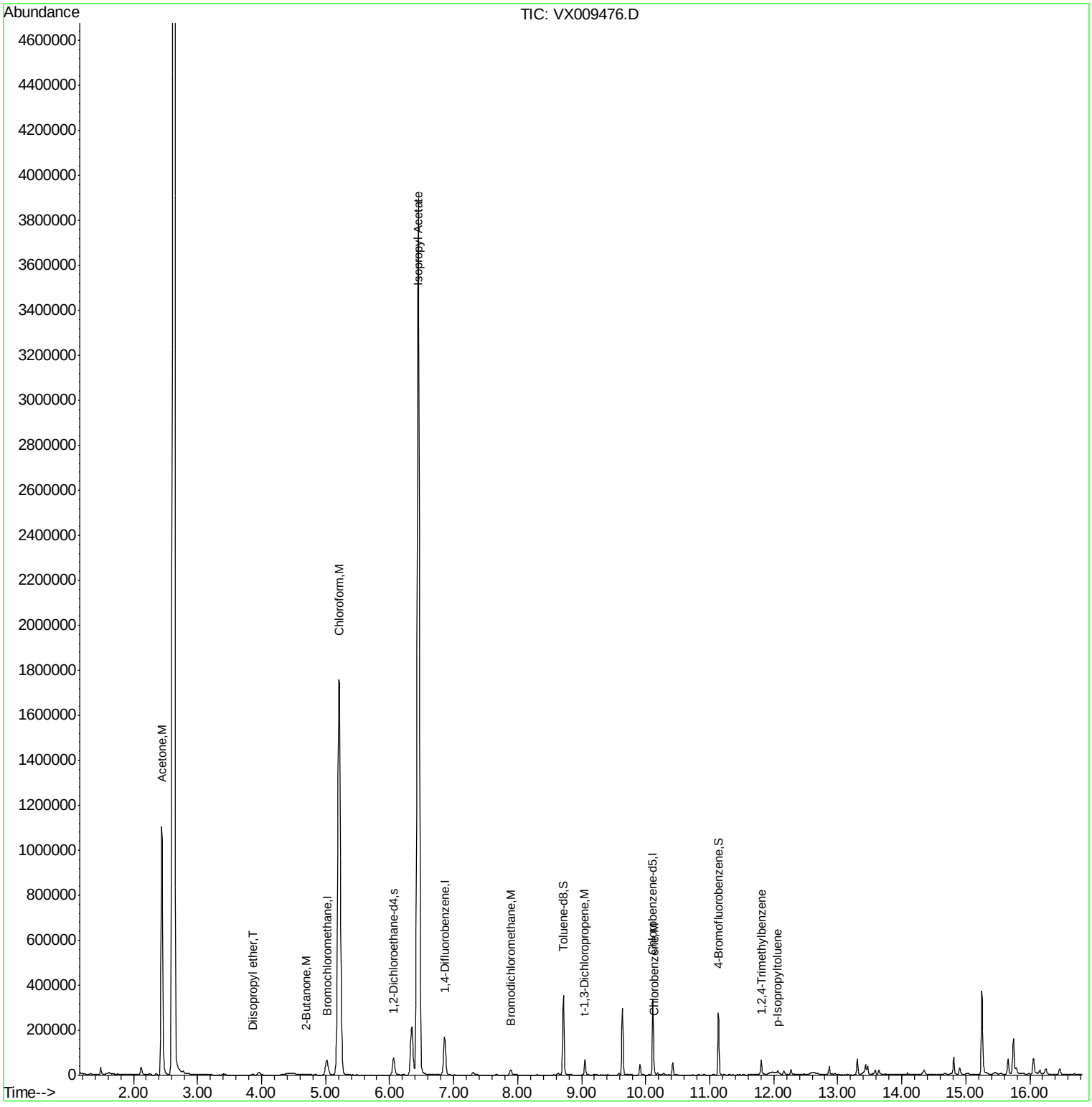
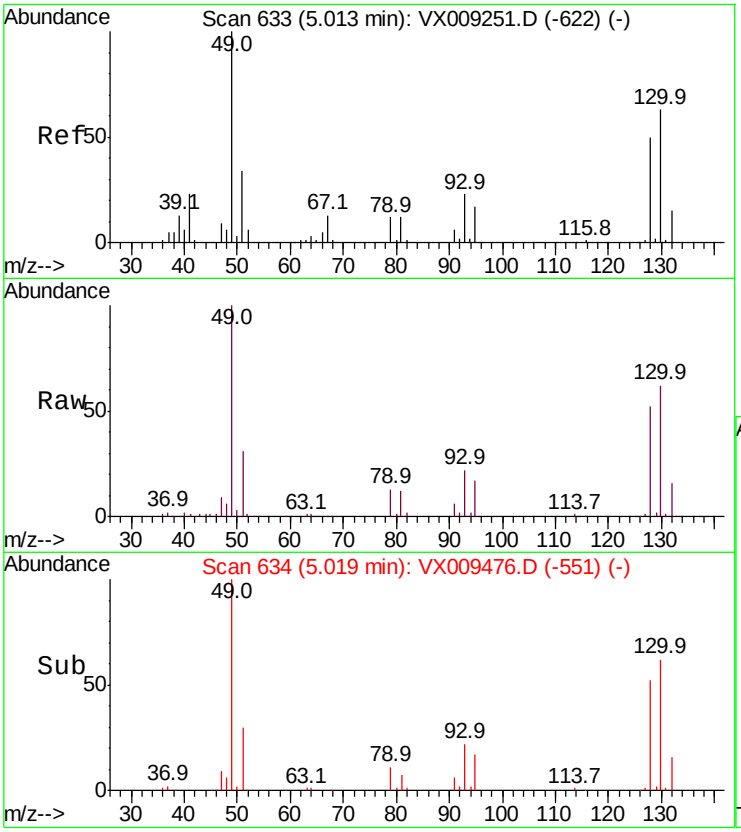


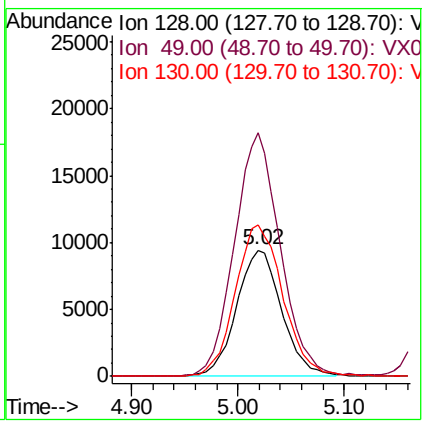


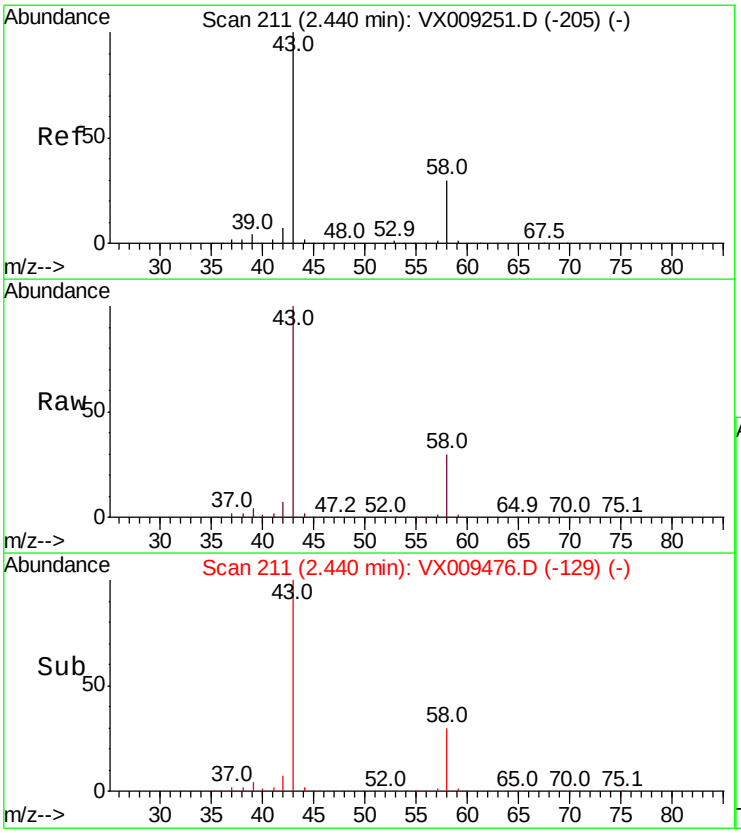
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009476.D
Acq: 10 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02

Tgt Ion:128 Resp: 28057

Ion	Ratio	Lower	Upper
128	100		
49	195.7	0.0	515.0
130	126.7	0.0	323.3

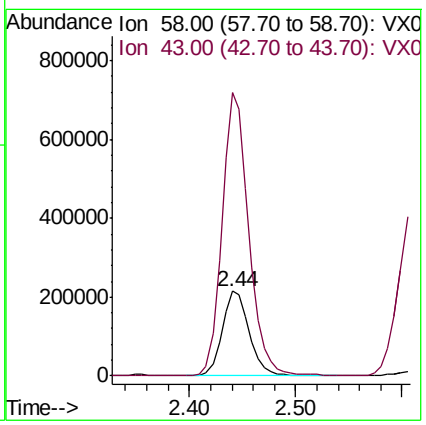


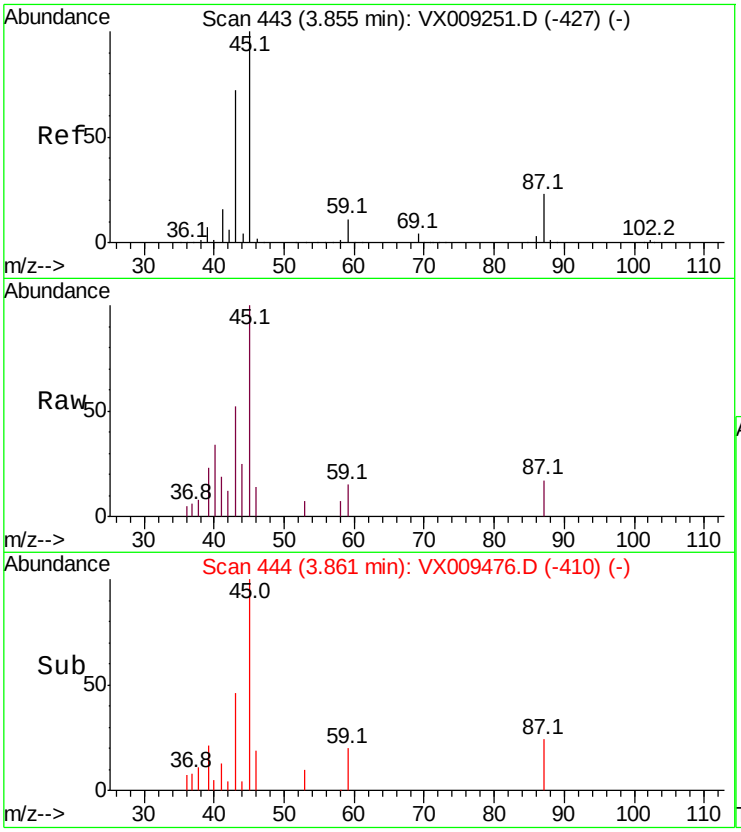


#15
Acetone
Concen: 1052.612 ug/l
RT: 2.44 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX009476.D
Acq: 10 May 2019 12:27

Tgt Ion: 58 Resp: 379115

Ion	Ratio	Lower	Upper
58	100		
43	335.3	264.0	396.0



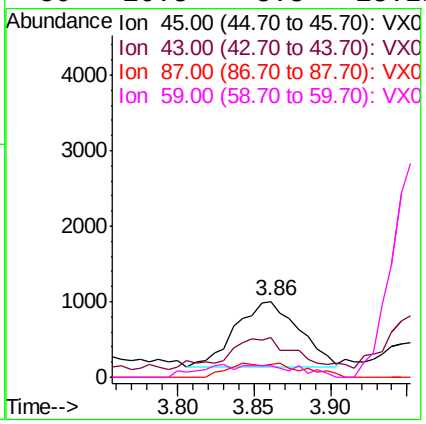


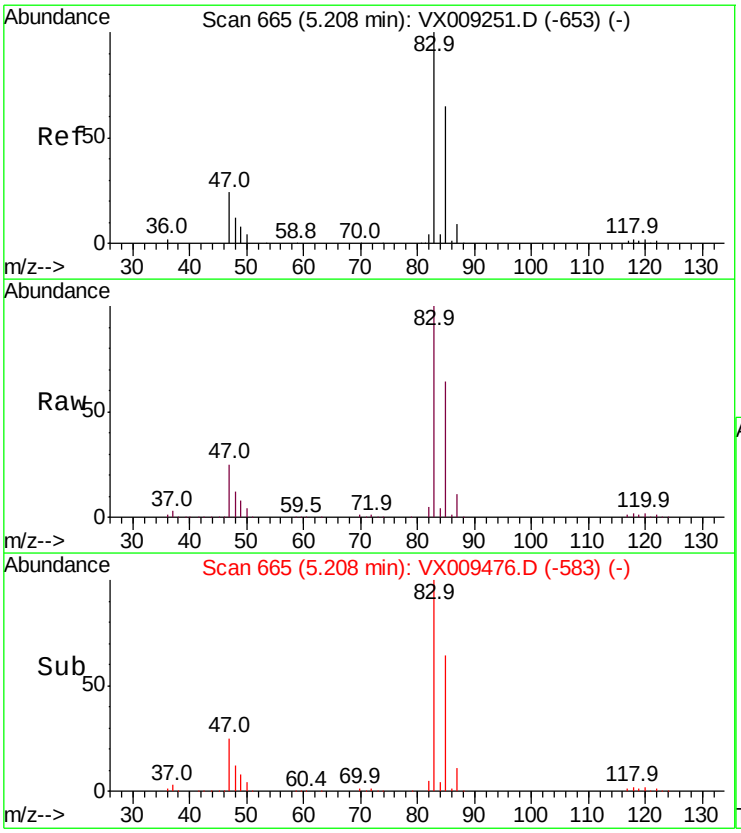
#20
Diisopropyl ether
Concen: 0.347 ug/l
RT: 3.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: VX009476.D
Acq: 10 May 2019 12:27

Instrument : MSVOA_X
ClientSampleId : SEWER-OUTLET-02

Tgt Ion: 45 Resp: 2515

Ion	Ratio	Lower	Upper
45	100		
43	38.3	57.7	86.5#
87	19.9	18.5	27.7
59	16.8	8.8	13.2#

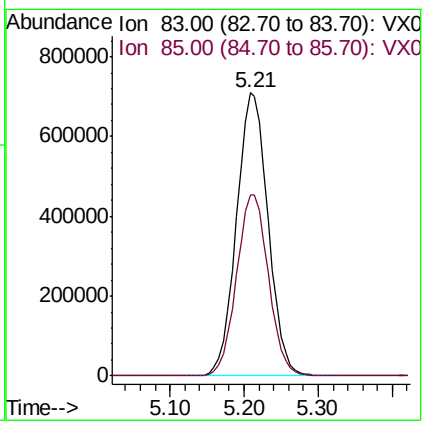


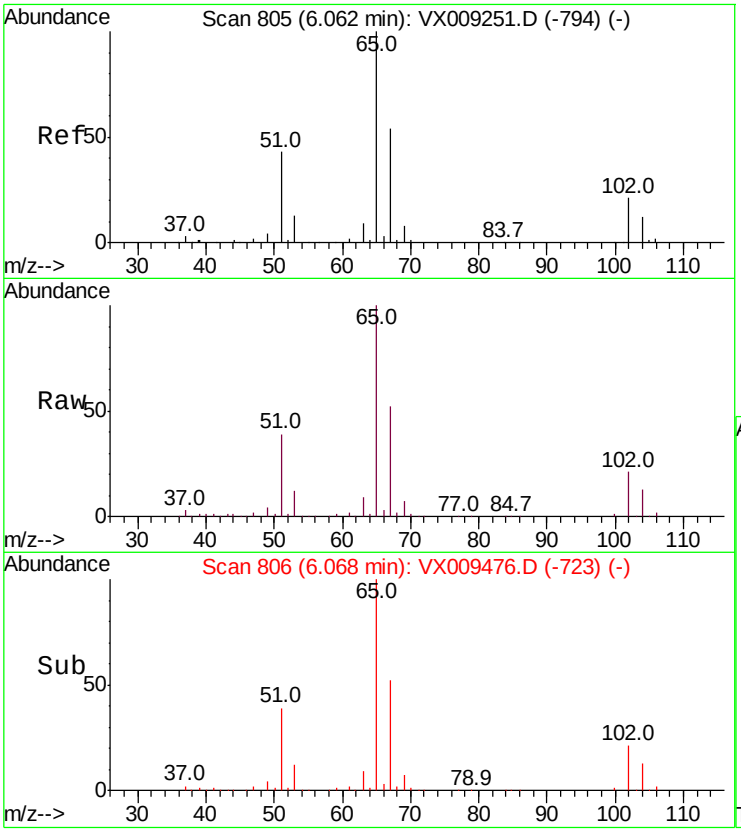


#25
Chloroform
Concen: 658.944 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009476.D
Acq: 10 May 2019 12:27

Tgt Ion: 83 Resp: 2111374

Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.9	77.9



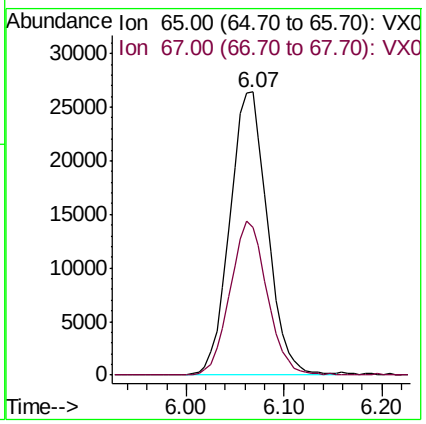


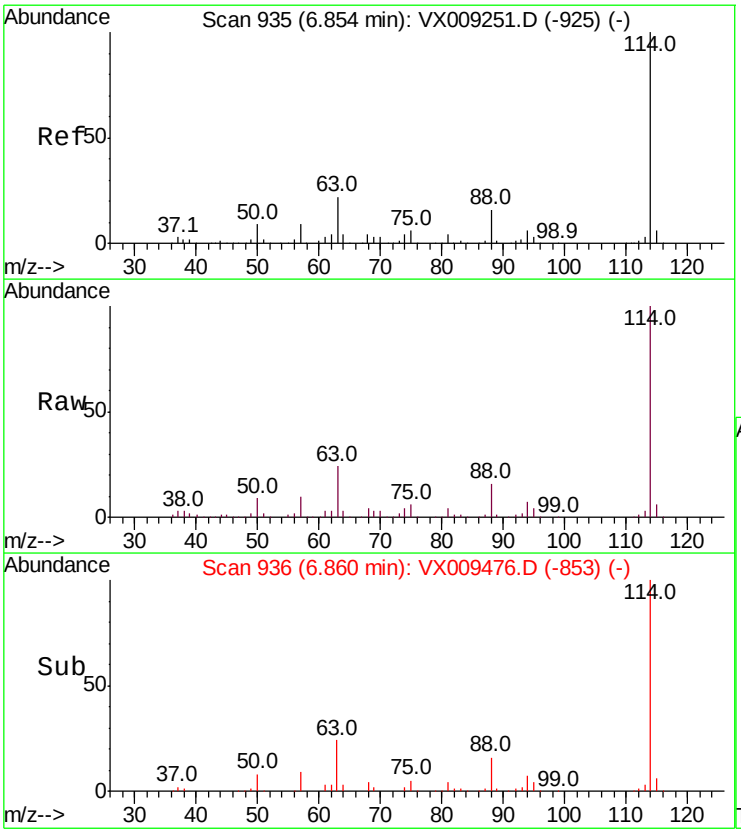
#27
1,2-Dichloroethane-d4
Concen: 30.318 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX009476.D
Acq: 10 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02

Tgt Ion: 65 Resp: 70564

Ion	Ratio	Lower	Upper
65	100		
67	53.4	43.1	64.7

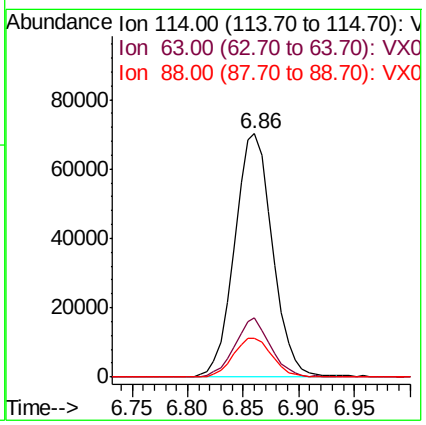


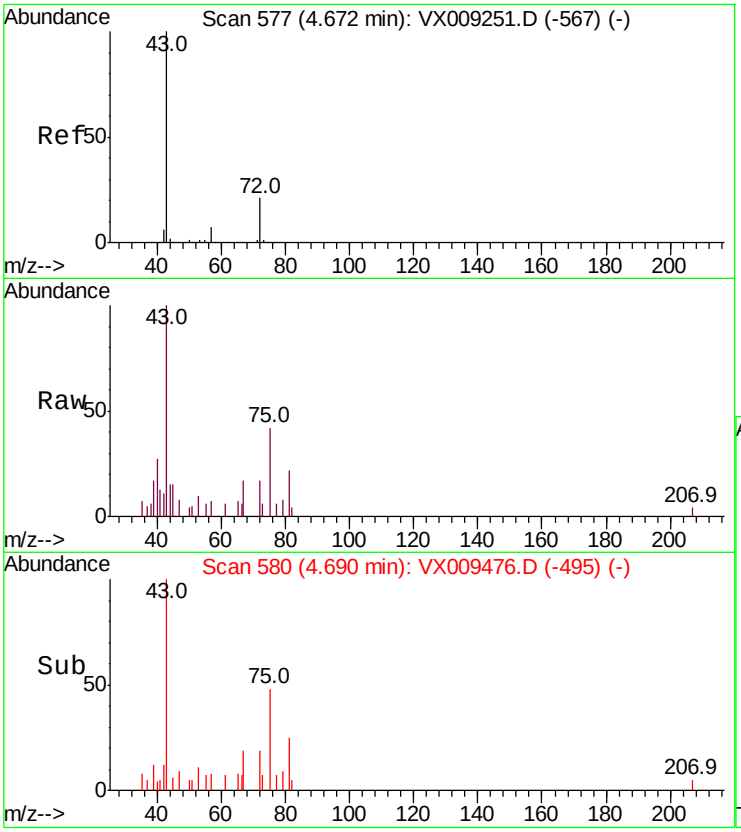


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.01 min
Lab File: VX009476.D
Acq: 10 May 2019 12:27

Tgt Ion:114 Resp: 165562

Ion	Ratio	Lower	Upper
114	100		
63	22.7	18.0	27.0
88	16.3	13.4	20.0



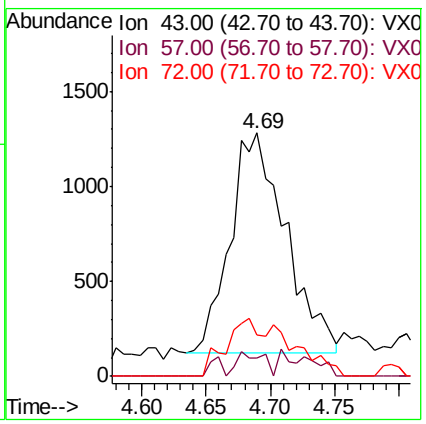


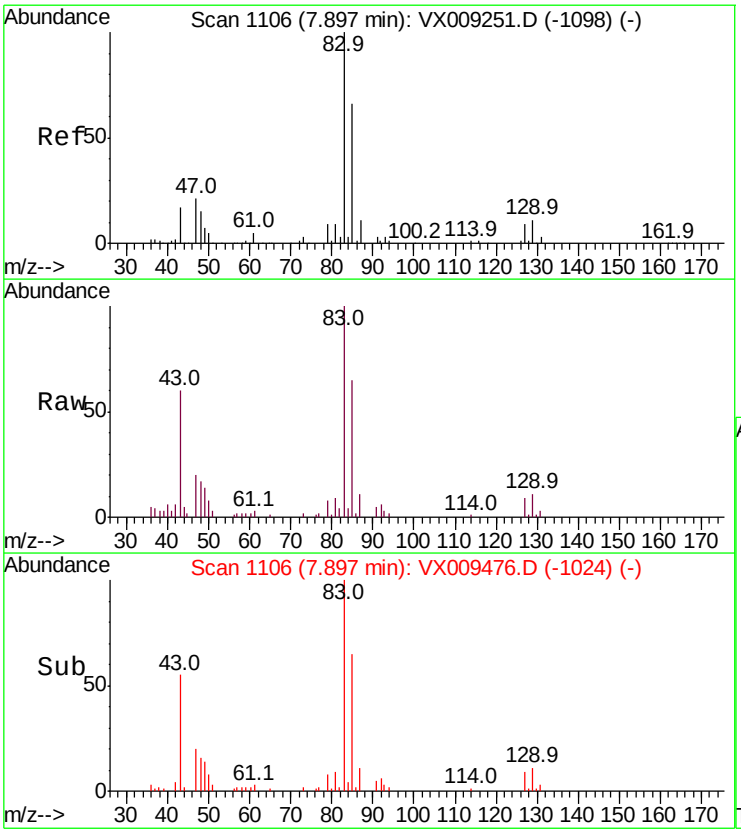
#30
2-Butanone
Concen: 1.823 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX009476.D
Acq: 10 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02

Tgt Ion: 43 Resp: 3469

Ion	Ratio	Lower	Upper
43	100		
57	1.3	6.0	9.0#
72	13.3	18.2	27.4#

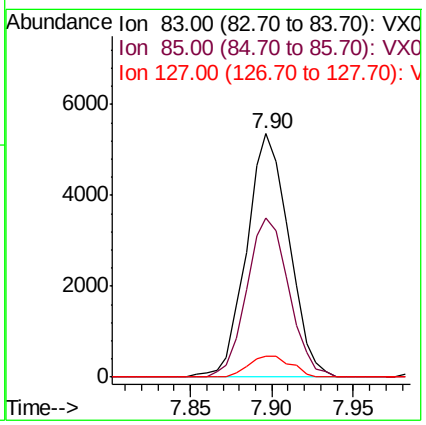


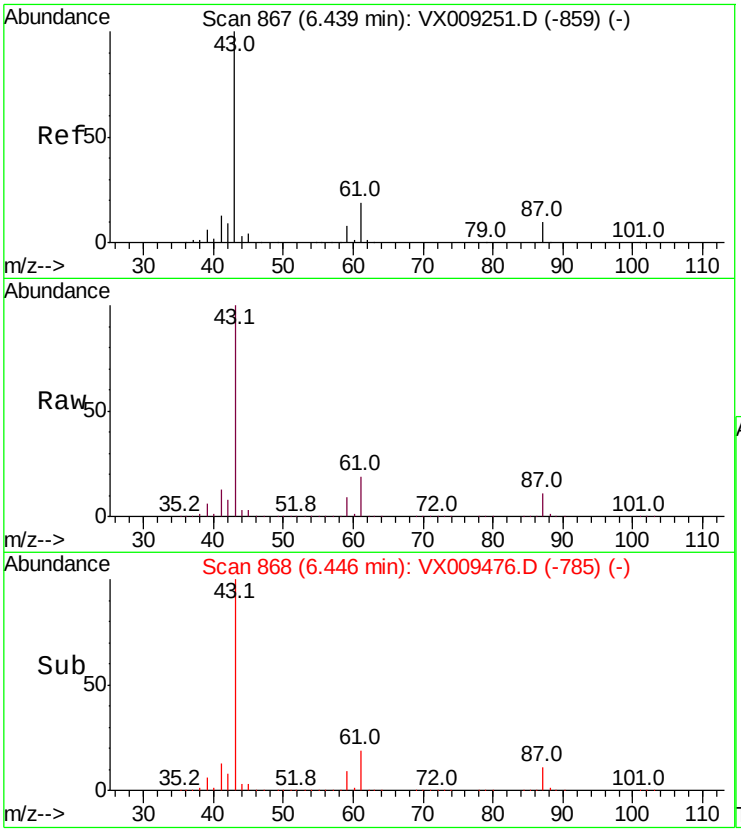


#41
Bromodichloromethane
Concen: 3.907 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX009476.D
Acq: 10 May 2019 12:27

Tgt Ion: 83 Resp: 9660

Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.6	79.0
127	8.8	6.9	10.3



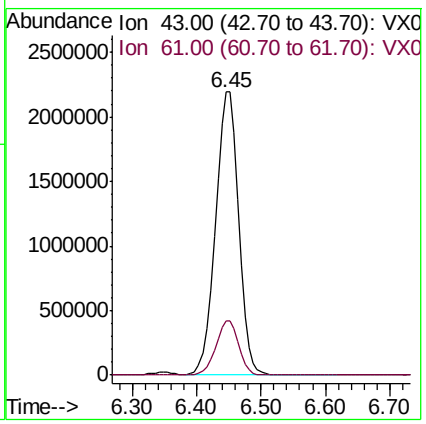


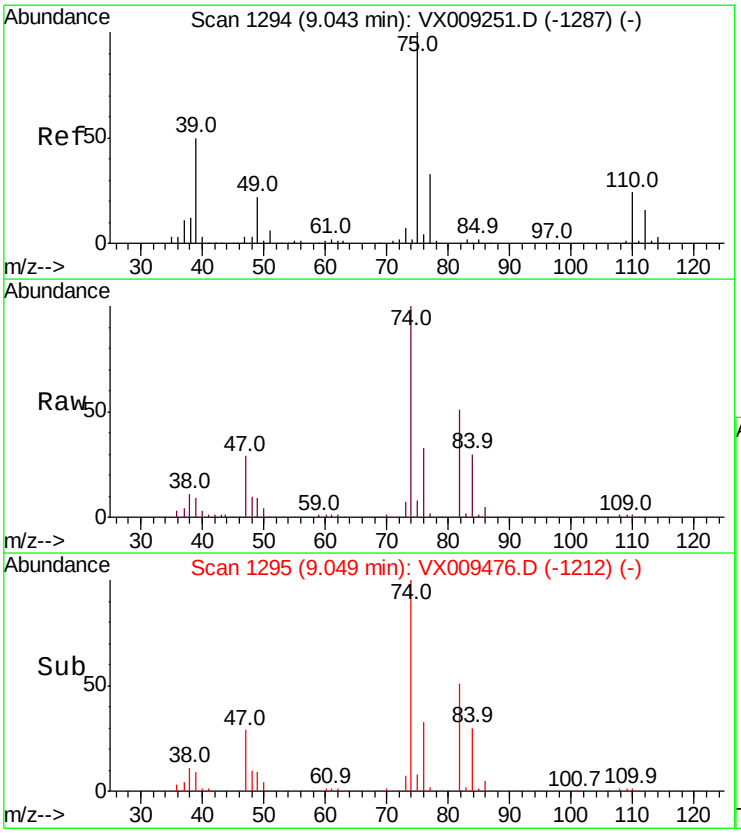
#44
Isopropyl Acetate
Concen: 995.793 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.01 min
Lab File: VX009476.D
Acq: 10 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02

Tgt Ion: 43 Resp: 5545854

Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.4	23.2

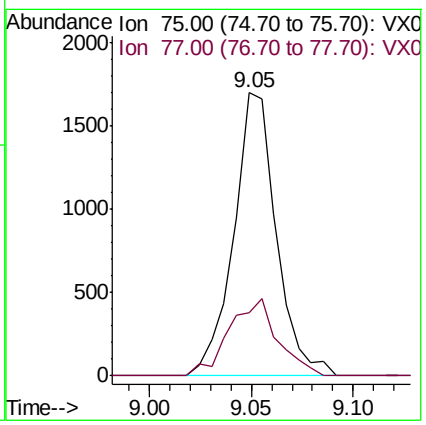


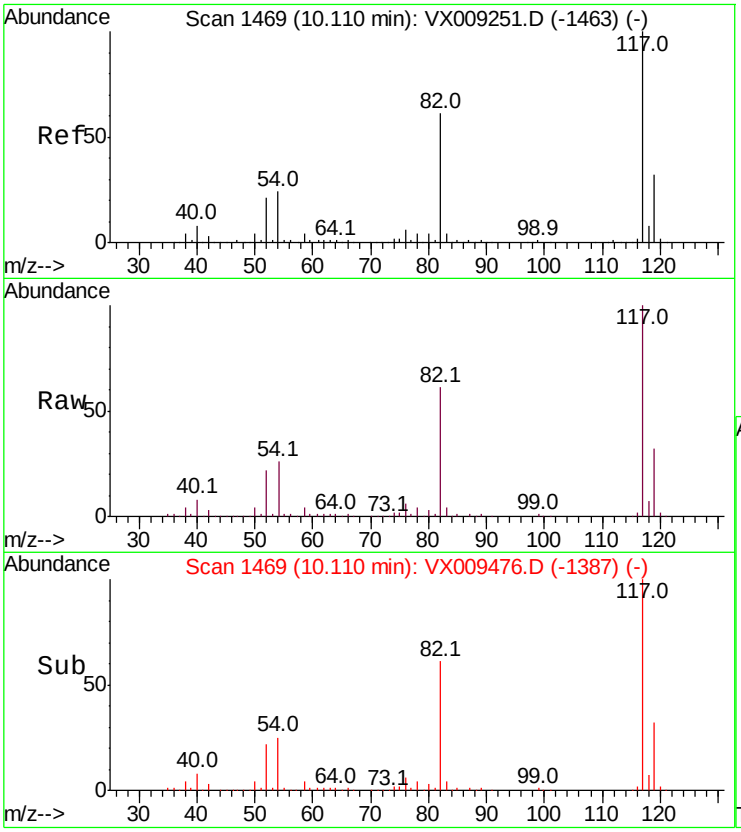


#48
t-1,3-Dichloropropene
Concen: 0.857 ug/l
RT: 9.05 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX009476.D
Acq: 10 May 2019 12:27

Tgt Ion: 75 Resp: 2473

Ion	Ratio	Lower	Upper
75	100		
77	22.5	26.5	39.7#



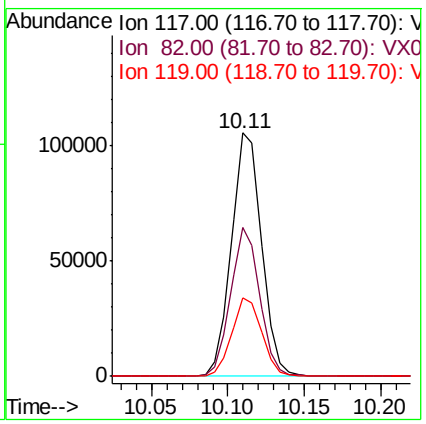


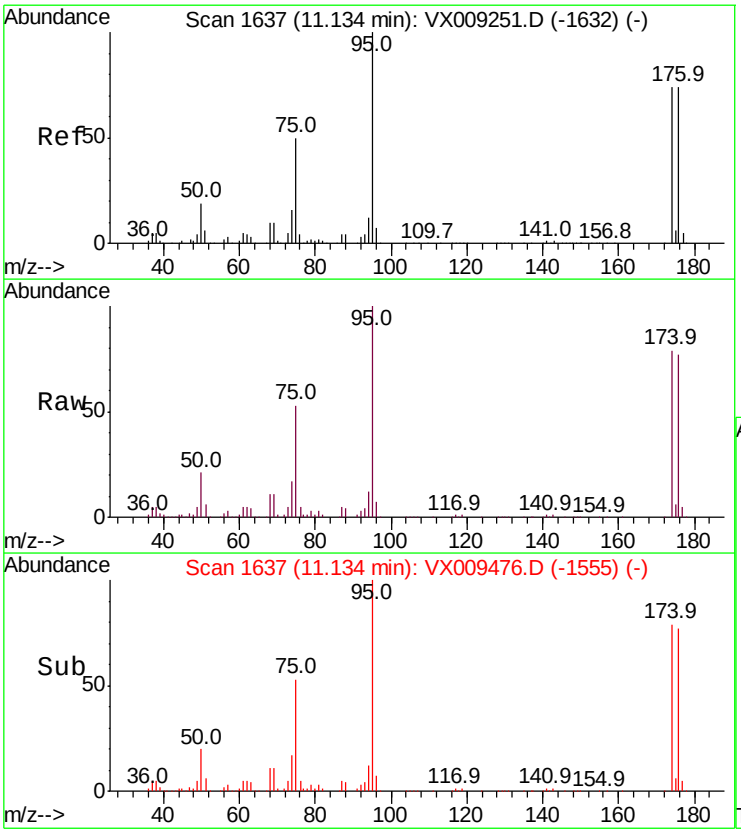
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009476.D
Acq: 10 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02

Tgt Ion:117 Resp: 143855

Ion	Ratio	Lower	Upper
117	100		
82	59.1	47.8	71.8
119	32.1	25.6	38.4

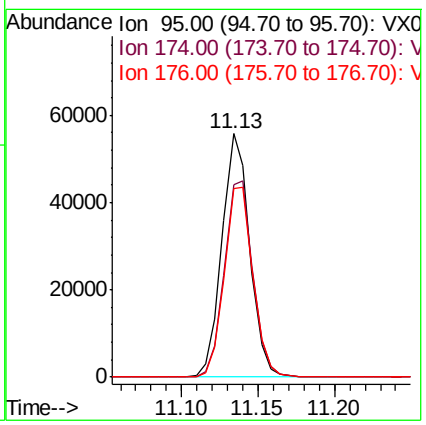


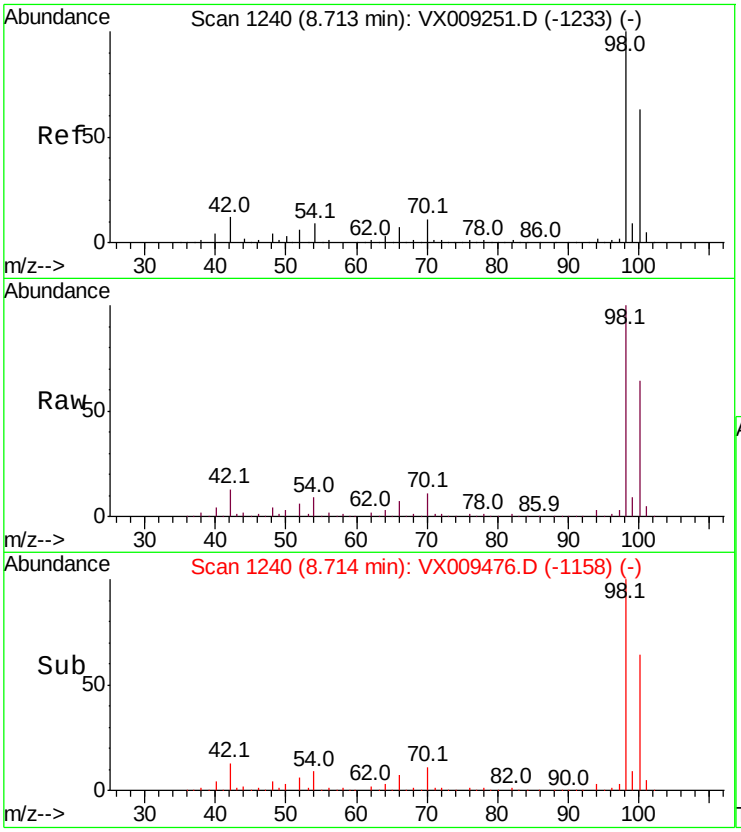


#60
4-Bromofluorobenzene
Concen: 28.577 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009476.D
Acq: 10 May 2019 12:27

Tgt Ion: 95 Resp: 69855

Ion	Ratio	Lower	Upper
95	100		
174	83.4	63.6	95.4
176	80.7	62.4	93.6



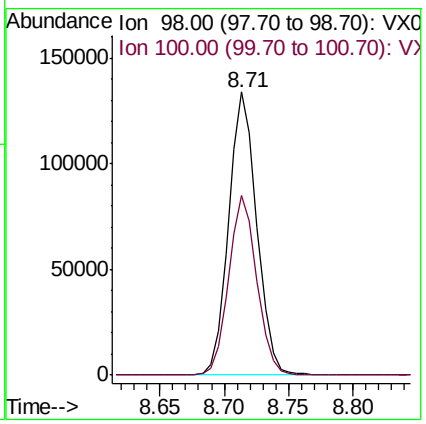


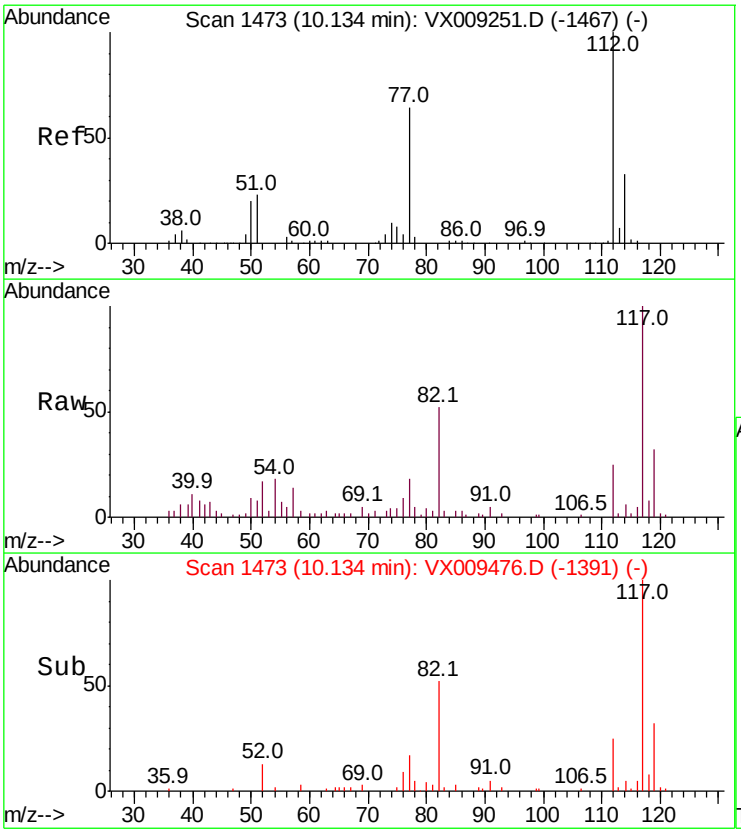
#63
Toluene-d8
Concen: 29.856 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009476.D
Acq: 10 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02

Tgt Ion: 98 Resp: 203624

Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.3	78.5

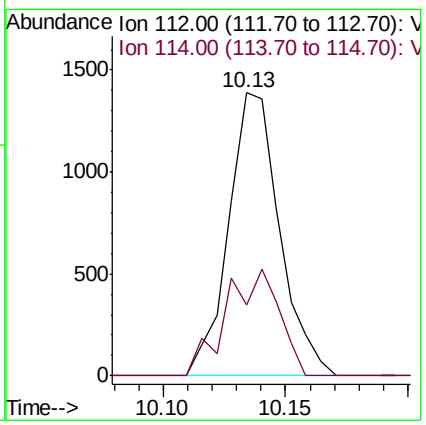


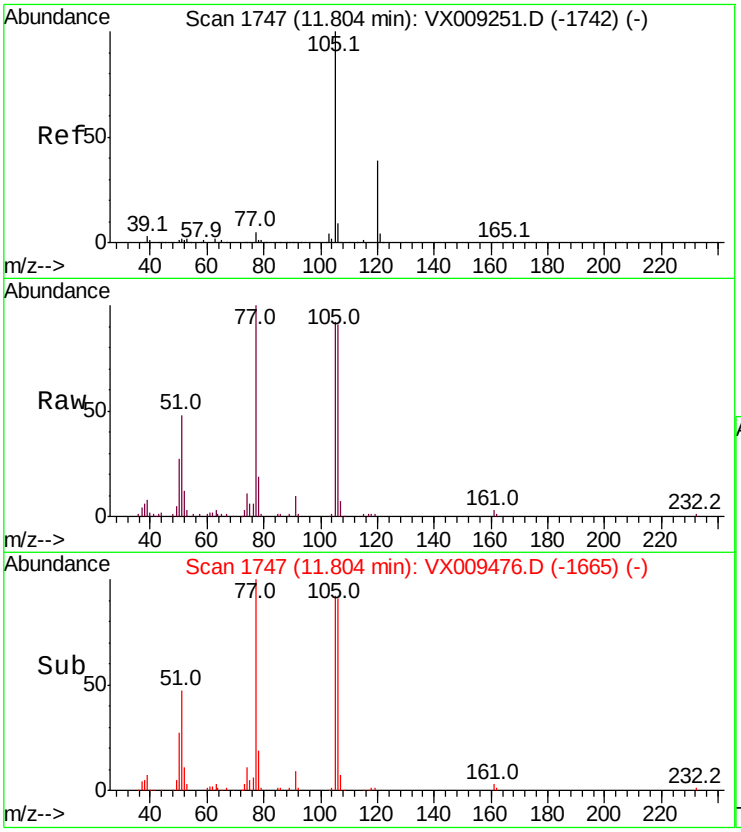


#64
Chlorobenzene
Concen: 0.436 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009476.D
Acq: 10 May 2019 12:27

Tgt Ion:112 Resp: 2018

Ion	Ratio	Lower	Upper
112	100		
114	25.2	26.2	39.2#



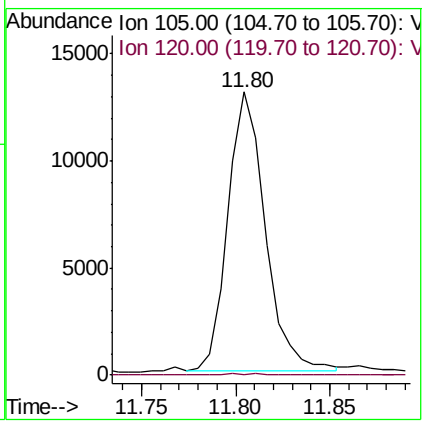


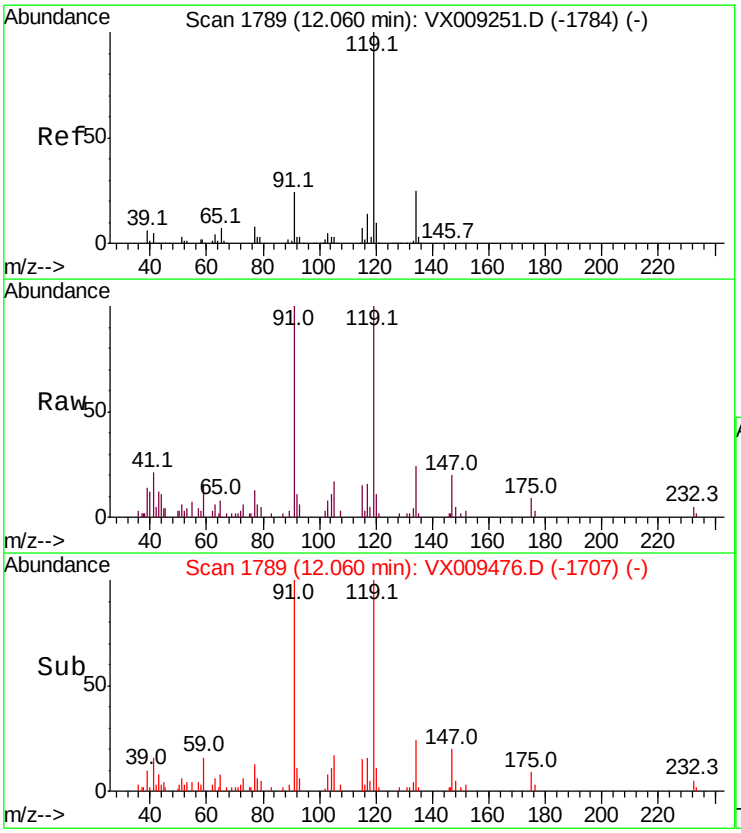
#80
1,2,4-Trimethylbenzene
Concen: 2.546 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009476.D
Acq: 10 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02

Tgt Ion:105 Resp: 17874

Ion	Ratio	Lower	Upper
105	100		
120	0.1	0.0	89.6





#82
p-Isopropyltoluene
Concen: 0.579 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX009476.D
Acq: 10 May 2019 12:27

Tgt Ion:119 Resp: 4234

Ion	Ratio	Lower	Upper
119	100		
134	24.9	0.0	50.8
91	91.8	0.0	47.2#